CORAL-Z

Advanced, Hand-held 3-5µm Lightweight Thermal Imaging Camera with Continuous Optical Zoom

Main Advantages & Features

- Continuous IR optical and digital zoom
- Long-range performance
- Advanced high resolution detector
- Advanced high resolution color OLED display
- Adjustable binocular viewer
- Low acoustic noise

Applications

- Infantry, scouts and special units
- Security and perimeter defense
- Night sight for Future Soldier

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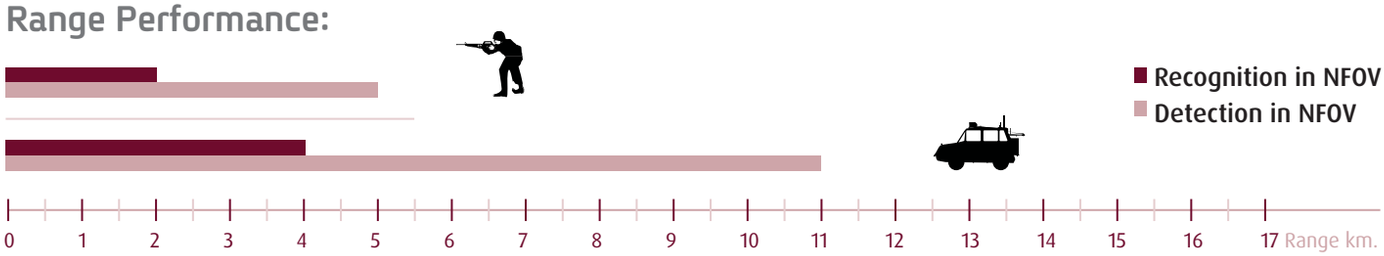
Optional Accessories

Add-on x2 telescope
Clip-on laser pointer

Technical Data

Spectral band	3-5µm
Entrance aperture	40 mm
Fields of view (continuous zoom):	
Narrowest	2.5° x 2.0° (CCIR)
Widest	12.5° x 10.0° (CCIR)
Digital zoom (E-zoom)	x2, x4
Detector	
Type	InSb FPA
No. of elements	480 x 384
Cooler	Stirling closed cycle
Video signal	CCIR
Display	Miniature, high resolution color OLED
Viewer	Adjustable binocular
Power source options:	Rechargeable battery
	External AC/DC or DC/DC power source
Weight	2.5 kg (incl. battery)
Operating temperature	-30ºC to +55ºC
Environmental conditions	IAW MIL-STD-810F
Day CCD – WFOV	10º VIS+NIR

Range Performance:



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